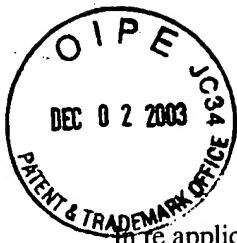


#4
S.I.
12-08-03



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Katsuhiro ISHII

Appln. No.: 09/938,586

RECEIVED

2685

DEC 05 2003 Group Art Unit: 2816--

Confirmation No.: 2719

TC 2600 Examiner: Not Yet Assigned

Filed: August 27, 2001

For: TRANSMISSION CIRCUIT AND UNNECESSARY RADIANT WAVE SUPPRESSION
METHOD

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

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DEC 04 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Technology Center 2600

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

1. Japanese Unexamined Patent Application Publication No. 11-355155, published December 24, 1999 was previously filed on December 30, 2002.
2. Japanese Unexamined Patent Application Publication No. 50-32765, published October 24, 1975.
3. Japanese Unexamined Patent Application Publication No. 2-285725, published November 26, 1990.

Katsuhiro ISHII
09/938,586
INFORMATION DISCLOSURE STATEMENT

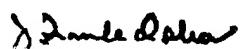
The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding Japanese Office Action dated September 16, 2003, and an English translation of the pertinent portions thereof, which cites such documents and indicates the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: December 2, 2003

Q65940

1. Japanese Unexamined Patent Application Publication H11-355155 (publication cited in previous notice)
4. Japanese Examined Patent Application Publication S50-032765
5. Japanese Unexamined Patent Application Publication H02-285725

Publication 4 describes an invention whereby, in a transmitter system equipped with multiple transmitters (corresponding to amplifiers), a negative phase signal of unwanted frequencies is added to the output in order to prevent unwanted frequencies generated by backup transmitters (corresponding to non-operating amplifiers) from bonding to transmitters currently in use (corresponding to operating amplifiers).

Publication 5 describes an invention, albeit for a combination of transmitters and receivers, wherein, as a countermeasure for leakage of transmitter output to the receiver, the signal is combined, making the frequency characteristics the same (corresponding to the band pass filter in the invention of the present application) and reversing the phase only.

Moreover, as indicated in the previous Notice of Reasons for Rejection, the two transmitting systems GSM900 and DSC1800 in themselves, which are the object of application of the invention of the present application, are publicly known, as described for instance in publication 1.

This being the case, since the inventions described in publications 1 and 2 and the invention described in publication 4 are all similar systems having multiple amplifiers (transmitters), it is obvious that the problem of the invention of the present application, as described in publication 4, exists also for the invention described in publication 1, and adopting a constitution like that of the invention described in publication 5 as a specific solution for that problem is something which could be easily invented by a person skilled in the art.